



## International summer school on industrial agents:

## Engineering of Cyber-Physical production systems

29 June - 3 July 2020

Online Event

**OWMG**  
THE UNIVERSITY OF WARWICK

### Final Call for Participation

It is our pleasure to invite you to participate in the 6th International Summer School on Industrial Agents, which will be held online from 29th June to 3rd July 2020. The Summer School is technically co-sponsored by the [IEEE Technical Committee](#) on Industrial Agents and [Automation Systems Group](#) WMG. This event is designed to provide advanced training for students and practitioners on engineering methods and automation technologies that will be the basis for Industry 4.0. This week long intensive course aims to promote discussion on how to use distributed multi-agent systems to design, develop and implement the next generation of intelligent production system based on the principles of cyber-physical systems.

**COVID-19 Update:** The Summer School will be held remotely with online presentations and webinar delivery during the planned dates as our priority is the safety and well being of all participants.

### Summer School Programme

|                                    |  |
|------------------------------------|--|
| Paulo Leitão                       | Fundamentals in industrial agents  |
| Alexander Fay                      | Industry 4.0 application scenarios for agents  |
| Luis Ribeiro                       | Design and Assessment of Cyber-Physical Production Systems   |
| Thomas Strasser                    | Designing Field Level Agents with IEC 61499  |
| Birgit Vogel-Heuser                | Field Level Control Agents to Enable Cyber Manufacturing- Selected Patterns  |
| Alois Zoitl                        | Implementing Field Level Agents with IEC 61499 and Eclipse 4diac   |
| Armando W. Colombo                 | Positioning Physical Agents within the Reference Architecture Model for Industry 4.0 (DIN SPEC 91345 (RAMI4.0))                    |
| Andrea Bonci & Massimiliano Pirani | Transdisciplinary approach between industrial agents and control theory for the planning and distributed control of autonomic CPPS |
| Stamatis Karnouskos                | Security for CPS and Critical Infrastructures  |
| Jose Barata                        | Self Organisation of Agents  |
| Bilal Ahmad                        | Software Engineering in Industrial Automation  |
| Andrew Williams                    | Industry Keynote   |

### Registration

**Registration deadline: June 15 2020**

**Registration fee: £50**

Please register your interest by dropping an email to the contact provided below. We will send you a notification when more details are available. Your registration is at the moment without any commitment.

[Register Now](#)

**Contact:**

Mr. Xinnan Wang (Registration)  
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For more information please visit our website [here](#).